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Indirect and Local Waste Piping

SPS 382.33(1) - 12/23/03

Is an emergency eyewash required to be discharged via indirect waste to the plumbing system?

An emergency eyewash may be permitted to directly connect to the sanitary system if the outlets from the water supply system are above the bowl of the eyewash (an air gap is created). For biologically or chemically isolated laboratories, contact IS plumbing staff for more information.

SPS 382.33(7) - 8/8/01

What is the air gap separation distance in a drain system? The code compliant separation distance is stated in SPS 382.33(7). For piping of one-inch or less in diameter, the air gap is twice the diameter of the indirect waste piping. For piping greater than one inch in diameter the code compliant separation is two inches.

SPS 382.33(8) - 3/13/98

How do you size a local waste serving T&P relief valves? The receptor size dictates the dfu value for sizing the local waste piping. SPS Table 382.30-1 is used for sizing the piping based on the dfu value.

SPS 382.33(8) - 3/13/98

Denied petition for lavatory drain tailpiece? A petition was denied on 7/17/92 for local waste piping serving as a receptor for condensate waste to discharge to a lavatory drain by means of a branch tailpiece. Petitioners statements included that no other place existed to discharge the condensate, that the air conditioner was located about 10 feet from the bathroom area, and that these units are used only two to three months per year. Connecting the condensate to the trap seemed logical because the trap is always being used. The petition was denied because the intent of the code was not met.

SPS 382.33(8) - 7/28/03

Where is the air-gap when using a funnel receptor? When a funnel is used in connection with a floor drain grate, the air-gap for the indirect waste is measured as the distance between the end of the direct waste pipe and the rim of the funnel.

SPS 382.33(8) - 7/28/03

May an ice machine discharge into a branch tailpiece? A branch tailpiece serving a sink is not an approved receptor for the discharge from an ice machine. A petition for variance was approved for the installation. [See attached.](#)

SPS 382.33(9) - 4/9/04

Is a floor drain required in an elevator pit? The Wisconsin plumbing code does not require the installation of a drain in the elevator pit, but the ASME standard A17.1-96 does. The requirement for the drain can be found in Rule 106.1b(3).

SPS 382.33(9) - 2/27/01

Does the drain receiving elevator drain discharge require a vent? No. The elevator drain discharge is considered stormwater. Only clearwater interior drains require venting.

SPS 382.33(9)(g) - 10/4/05

Must a sink in a refrigerated food storage room discharge through an indirect waste to the drainage system? Yes. The code states that “Drains serving refrigerated food storage rooms, compartments or display cases shall discharge to the sanitary drain system through indirect waste piping.”